

**CAPITAL STOCK**  
**\$500,000.00**

**FARMERS BANK**  
**BUTLER, MO.**

**EARNED SURPLUS**  
**\$40,000**

### SAFETY

It is the constant endeavor of this bank to make the safety of its depositors' funds a matter of first consideration. It adheres to a conservative policy in all its dealings and its funds are loaned with the thought of safe guarding depositors rather than the profit which will result.

Moreover our capital and surplus of over \$95,000.00 assures unquestioned safety for all money entrusted to its care.

Largest Surplus of any Bank in Bates County

**OUR SERVICE MEANS PROFIT TO YOU**

## DUVALL-PERCIVAL TRUST CO.

**CAPITAL and SURPLUS, \$100,000**

FARMERS BANK BUILDING, BUTLER, MO.

**Farm Loans** We have money to loan on real estate at a low rate of interest with privilege to pay at any time.

**Abstracts** We have a complete set of Abstract Books and will furnish abstracts to any real estate in Bates county and examine and perfect titles to same.

**Investments** We will loan your idle money for you, securing you reasonable interest on good security. We pay interest on time deposits.

W. F. DUVALL, President, Arthur Duvall, Treasurer.

J. B. DUVALL, Vice-President, W. D. Yates, Title Examiner.

## THE WALTON TRUST CO.

**BUTLER, MO.**

**Capital and Surplus . . . \$300,000.00**

Having the largest Capital and Surplus Fund makes the Walton Trust Co., the LARGEST and STRONGEST Financial Institution in Bates County.

Loans on Farms in Southwest Missouri at LOW interest rates on five or seven years time. Own and keep up with the County Records a complete Abstract of Title to all land and town lots in Bates County.

**Furnish Reliable Abstracts, Fees Reasonable**

Issue Time Deposit Certificates for your idle money payable in six or twelve months bearing five per cent interest. **SAFE AS A U. S. BOND.** Always have high grade mortgages to sell to investors. No purchaser of our mortgages has lost a dollar in 40 years continuous business.

**DIRECTORS**

Frank Allen	C. A. Allen	A. B. Owen
John Deerwester	C. H. Dutcher	J. B. Walton
John E. Shutt	W. W. Trigg	Wm. E. Walton

## THE ROAD TO WEALTH

There is one door that always opens to the road of prosperity and wealth. You will find that door at the front of our bank. Why not open it to-day. You will find a warm welcome. A checking account at our bank will simplify your business details. Your cancelled checks will be a receipt and record of every deal. It makes errors impossible. Better start right to-day.

*Peoples Bank*

## The Seeding of Wheat

Correctly Proportioned Fertilizers and Good Seed Are Important Factors in Increasing the Yield

By C. B. Hutchison, Assistant Professor of Agronomy, College of Agriculture, U. of Mo.

Wheat responds to an application of fertilizer more freely than any other field crop grown in Missouri. In general, it responds most strikingly to the application of nitrogen and phosphorus, and fertilizers of this nature nearly always give good returns.

The results secured on the university experiment fields in various parts of the state show that on the average to good uplands the use of bonemeal

**The Use of Good Seed.**

Another factor which controls the yield of the wheat crop is the seed, and only good seed of some variety best suited to one's locality should be used.

The experiment station has been testing wheat varieties for a number of years, both at Columbia and by means of co-operative experiments throughout the state. These experi-

On this experiment field the plot on the left received no fertilizer and yielded 9.1 bushels per acre. The plot on the right was treated with a complete fertilizer and yielded 18.2 bushels per acre.

or other phosphatic fertilizers with wheat is advisable, since most Missouri soils are lacking in available phosphates. Steam bonemeal should be used and an application of 125 to 150 pounds, made with a fertilizer drill, as the wheat is sown.

On the lands that have been worn by continued cropping the use of a complete fertilizer containing 3 to 4 per cent nitrogen, 8 to 10 per cent available phosphoric acid and 3 to 4 per cent potash, applied at the rate of 125 to 150 pounds to the acre, is good. Another fertilizer that will bring good returns on these thin lands is one containing around 2 per cent nitrogen, 8 to 10 per cent available phosphoric acid and 2 to 3 per cent potash.

This is a lower grade fertilizer than the first one mentioned and should be used at a little heavier rate, say from 150 to 200 pounds per acre. These fertilizers will not only increase the yield of the wheat crop, but will aid materially in getting a stand of grass where these crops follow the wheat.

Unfortunately, the varieties which average highest are not all available in this state and cannot always be secured. Among the best varieties of the bearded wheats are: (1) Deltz, (2) Rudy, (3) Mediterranean, (4) Fulcaster and (5) Lebanon; and of the smooth wheats (1) Michigan Wonder, (2) Jones Red Wave, (3) Hickman, (4) Beechwood, (5) Hybrid, (6) Dawson's Golden Chaff, (7) Early Ripe, (8) Poole and (9) Fultz.

### INCREASING WHEAT YIELD

PREPARING SEEDBED SO AS TO INCREASE YIELD IN MISSOURI.

By C. B. Hutchison, Assistant Professor of Agronomy, University of Missouri.

The average yield of wheat in Missouri for the past ten years has been about 13.7 bushels per acre. It requires approximately 13 bushels of wheat at the average November price for the last decade to meet this expense, together with that of taxes, interest on the investment and the value of plant food removed from the land.

This evidently means that there are a great many farmers in the state who are actually growing wheat at a loss. Of course, there are sections where wheat is especially adapted, where much better yields than these are obtained, but at the same time there are many farms where the yield of wheat is not what it should be, and where its growing has not been very profitable.

It is, of course, realized by many farmers that the wheat crop, as they grow it, is not in itself a very profitable one, but it fits into the rotation so well and is of such importance as a nurse crop for grass and clover that it is often grown for these reasons.

There is no reason why wheat should not be made a profitable crop in practically every section of this state, and close attention to those factors controlling the profitable production of the crop will aid materially in increasing its value and importance throughout the state. It is to some of these factors that the reader's attention is directed at this time.

**Preparation of the Seedbed.**

Wheat ground should be plowed early and fairly deep. Where the crop is to follow oats, rye or any other crop removed by the middle of July, the ground should be plowed as soon as the previous crop has been taken off. Early plowing conserves the moisture by keeping a loosened layer of soil on top to act as a mulch. This means that there will not only be more moisture there to germinate the wheat seed, but the roots of the wheat will be able to reach the moisture more easily.

Sound Education in Finland.

In the rudiments of a sound education the Finnish people are unsurpassed. Practically every man and woman in the country has a working knowledge of reading, writing, and arithmetic, and every child of school age receives careful instruction in these studies. Every adult has a vote, and although 35 per cent of the inhabitants are women there are only 17 of their sex in the Finnish diet.

**Origin of Present-Day Games.**

Though we get our games of chance from the eastern countries, most of our games of skill and ball games have to do with the northern people. Many games and sports in which they excel are now being played by us.

## WE REFER YOU

to the man who has found by actual experience that the service of the Missouri State Bank is "made to order" for the citizens of this community. He will tell you that whenever an officer or employee of this reliable institution can furnish any information or advice of value to him he is ready and willing to do so.

He will also tell you that he is treated with courtesy and his wants promptly attended to.

In a word, he will tell you that in every way possible officers and employees combine to make the account of every depositor of the utmost value to him and make him feel thoroughly "at home" in this Bank.

Why not come in and become one of the host of satisfied patrons of this Bank?

**MISSOURI STATE BANK**

"The Old Reliable"

Office Phone 2. Residence Phone 868

**H. E. MULKEY,**  
Registered Veterinary Surgeon  
BUTLER, MISSOURI  
Office at A. R. Guyton's Livery Barn.  
25-17

### Special Round Trip Excursion Fares

To Pertle Springs, Mo., Season June 1st to September 30th. Good for return to October 31st. Fare \$2.90.

To Sweet Springs, Mo., Tickets on sale same dates and bear same limits. Fare \$4.75.

Hollister, Mo., Summer Chautauqua, June 1st to Sept. 30th. Final Return Limit Oct. 31, 1913. Fare \$8.35.

St. Louis, Mo. Season June 1st, 1913 to Sept. 30th, 1913 with final return limit to October 31st 1913 at rate of \$11.10 for the round trip.

E. C. Vandervoort, Agent.

OVER 65 YEARS' EXPERIENCE

## PATENTS

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### State Fair Premium Lists

The county clerk has just received a number of copies of the Missouri State Fair premium list for 1913. These are for free distribution in the county and any one may secure them by calling at the county clerk's office, or writing the secretary of the Missouri State Fair, Sedalia.

The premium list shows increase in premiums over previous years which means that the State Fair is growing. One especially noticeable thing in this year's premium list, on page 8, is the establishment of a Boy's State Fair School. This new feature promises to be one of great value to every part of the state, as one boy from each county will be entertained by the State Fair and will get one week of instruction and practical training in the most up-to-date methods of farming and stock raising. Many other features have been added. The date for the State Fair this year are September 27 to October 9.

### PROFESSIONAL CARDS

**DR. J. M. CHRISTY**  
Diseases of Women and Children a Specialty  
BUTLER - MISSOURI  
Office Phone 20 House Phone 10

**DR. J. T. HULL**  
Dentist  
Entrance same that leads to Steward's Studio.  
North side square Butler, Missouri

**DR. H. M. CANNON**  
DENTIST  
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East Side Square Phone 186  
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**DR. ROBERT E. CRABTREE**  
General Practice.  
Diseases of Children.  
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Office 301 Residence 541  
Office in Gench Bldg.

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Eye, Ear, Nose and Throat Specialist  
and the fitting of Glasses  
BUTLER, MO  
Office over Peoples Bank Phone No. 48

### Missouri Pacific Time Table BUTLER STATION

CORRECTED JUNE 26, 1913

**NORTH.**

No. 22 E. C. Joplin Mail & Ex.	8:55 a. m.
No. 22 Kansas City Accommodation	7:10 a. m.
No. 22 Local Freight, does not carry passengers.	
No. 22 St. Louis & E. C. Mail & Ex.	11:00 a. m.
No. 22 Local Freight, does not carry passengers.	
No. 22 St. Louis Limited	6:30 p. m.
No. 22 Stock Express, does not carry passengers.	
	9:45 p. m.

**TRAINS WEST AND SOUTH.**

No. 21 St. Louis-Joplin Mail & Ex.	8:55 a. m.
No. 21 St. Louis Limited	6:30 a. m.
No. 21 Local Freight, does not carry passengers.	
No. 21 St. Louis & E. C. Mail & Ex.	11:00 a. m.
No. 21 Kansas City Accommodation	7:10 p. m.
No. 21 Nevada Accommodation	7:45 p. m.

**INTERSTATE**

**WEST.**

No. 23 Station Local Freight, carries passengers.	7:00 a. m.
No. 23 Station Accommodation	7:10 a. m.

**EAST-BOUND ARRIVALS.**

No. 24 St. Louis Limited	11:00 a. m.
No. 24 St. Louis & E. C. Mail & Ex.	11:00 a. m.
No. 24 Local Freight, does not carry passengers.	
No. 24 St. Louis Limited	6:30 p. m.
No. 24 Stock Express, does not carry passengers.	